

**STATE OF WASHINGTON**  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

|  |                                      |
|--|--------------------------------------|
| <b>Region:</b> North Coast   | <b>Observer(s):</b> Powell           |
| <b>River System:</b> Sol Duc   | <b>Date:</b> 3/5/98                  |
| <b>Site Identifier:</b> S-0311   | <b>WRIA:</b> 20.0311                 |
| <b>River Mile Location:</b> 4.6 mi (hip chained)   | <b>RB/LB:</b> LB                     |
| <b>Local Name:</b> Unnamed   | <b>Trib. to:</b> Shuwah Cr (20.0307) |
| <b>Legal Description:</b> SE¼ Sec12 T29N R13W  | <b>County:</b> Clallam               |
| <b>Habitat Type:</b> Terrace tributary   |                                      |
| <b>Landowner:</b> <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private<br>- Hancock Timber<br>- Rayonier Timber Co. |                                      |

**Directions to site:**

Starting at Forks (Tillicum Park), drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. The road will have a left turn at 0.1 miles beyond gate. Take the left and follow for 1.4 miles and there will be a steep, uphill road to the right. Take the right and follow for 0.6 miles and there will be another gate - same key will work for this gate. Go through gate and follow in the east direction for 0.9 miles. The road will split at this point. Take the right (B2100) and go down hill for 1.0 mile. The road will split, continue straight (B2130) in the south direction. S-0311 parallels this road and becomes apparent at ~ 0.4 miles.

**Site Overview:**

This is a moderate size channel which sources in a high gradient conifer forest. As the channel gradient flattens, the RMZ becomes alder with heavy brush along the sides of the channel. Past winter storms have littered the channel with numerous blown down trees and broken alder tops. This channel has an abundance of cover in LWD, overhang, brush and blow-down. There are areas with quality spawning gravel and there is documented coho use.

**Habitat Information:**

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**

- Year around

**Estimated flows (cfs):** > 3

**Water temperatures:** 5° C

**Adjacent stream temperature:** 5° C (20.0307)

**Other water observations:**

**Site area measurements:** ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel- 1.0 m - 2.5 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 30 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 1850+ m (trout habitat above end point)

**Total existing habitat area (est.):** 3240+ m<sup>2</sup>

Spawning area: 1500 m<sup>2</sup>

Impounded area: 0

Other rearing area: 1740 m<sup>2</sup>

**Spawning Habitat conditions:** ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

**Describe spawning habitat:**

- The spawning area has quality gravel/rubble mixture.
- There are varying amounts of fine sediment throughout the channel length.
- The channel has a large amount of blown down alder in the channel.

**Rearing habitat conditions:** ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

**Describe pond and other rearing habitat:**

- This channel has a slight gradient gain as it flows through an alder prominent RMZ.
- Adjacent clear-cuts coupled with past winter storms have caused many alders to fall into the channel. There are numerous branches and tops too.
- There is also cover of LWD, overhang and heavy brush along the edges of the channel.
- The upper channel is conifer prominent forest and the channel has a step/pool profile.
- This channel probably provides summer habitat.

**Describe inaccessible habitat:**

**Describe wetland:** ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

**Flooding potential:** ☒ Low ☐ Medium ☐ High

**Fish Information:**

**Site entry condition to (Shuwah Cr. 20.0308):** ☐ Poor ☐ Fair ☒ Good

- The channel has an open egress.

**Coho access and use:**

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☐ Unknown ☐ None ☐ Poor ☒ Fair ☐ Good

- The Quileute Tribe has documented coho spawning for this channel.

**Other species access and use:** ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- Resident trout would likely use this channel.

**Habitat Improvements:**

**Enhancement opportunities:**

- None recommended.

**Additional Comments:**

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

☒ Aerials

☒ Sketch

☒ Maps

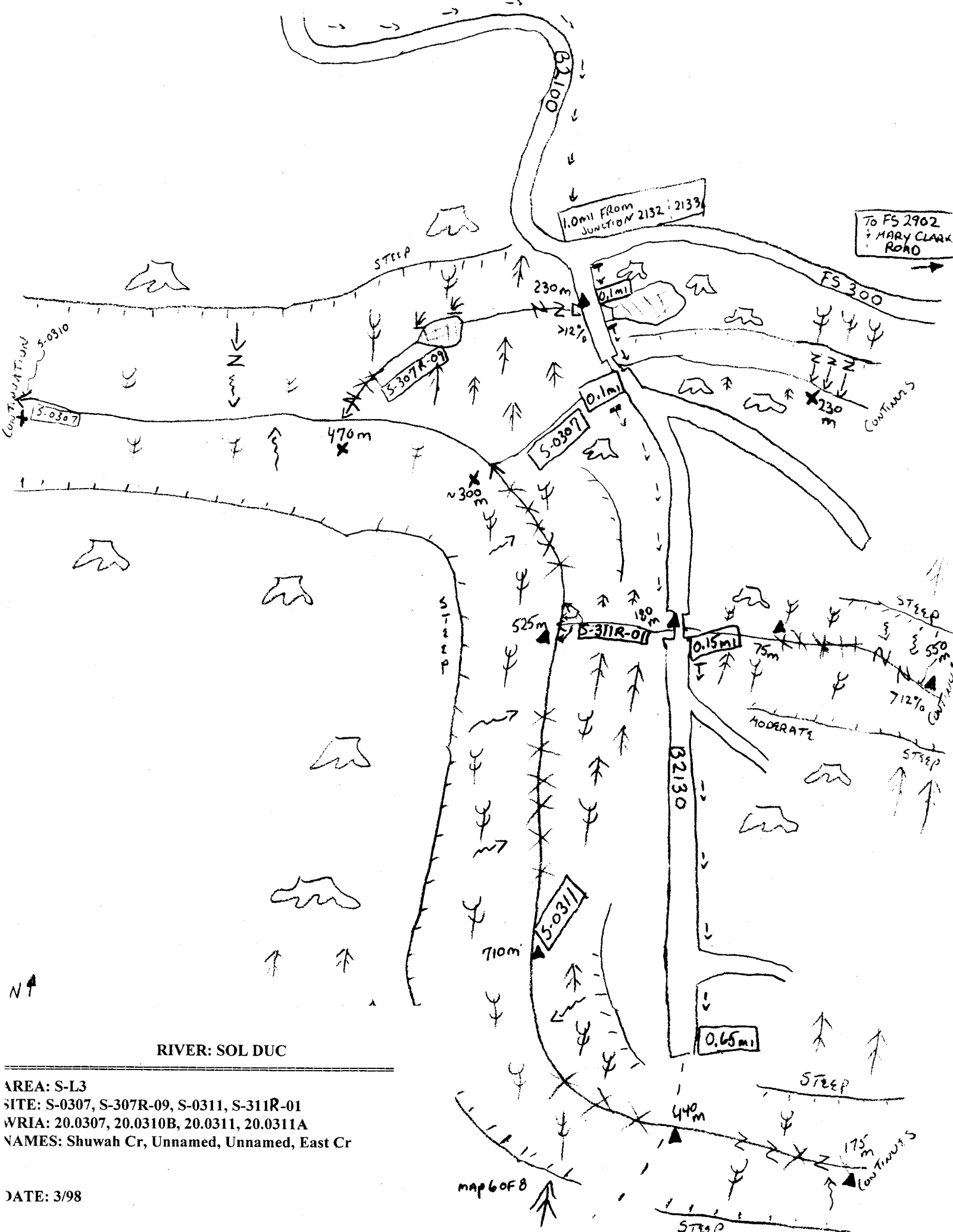
☐ Culvert Report

☐ Other references

☐ Spawning surveys

☐ Juvenile trapping

☐ Fishway Report



RIVER: SOL DUC

AREA: S-L3

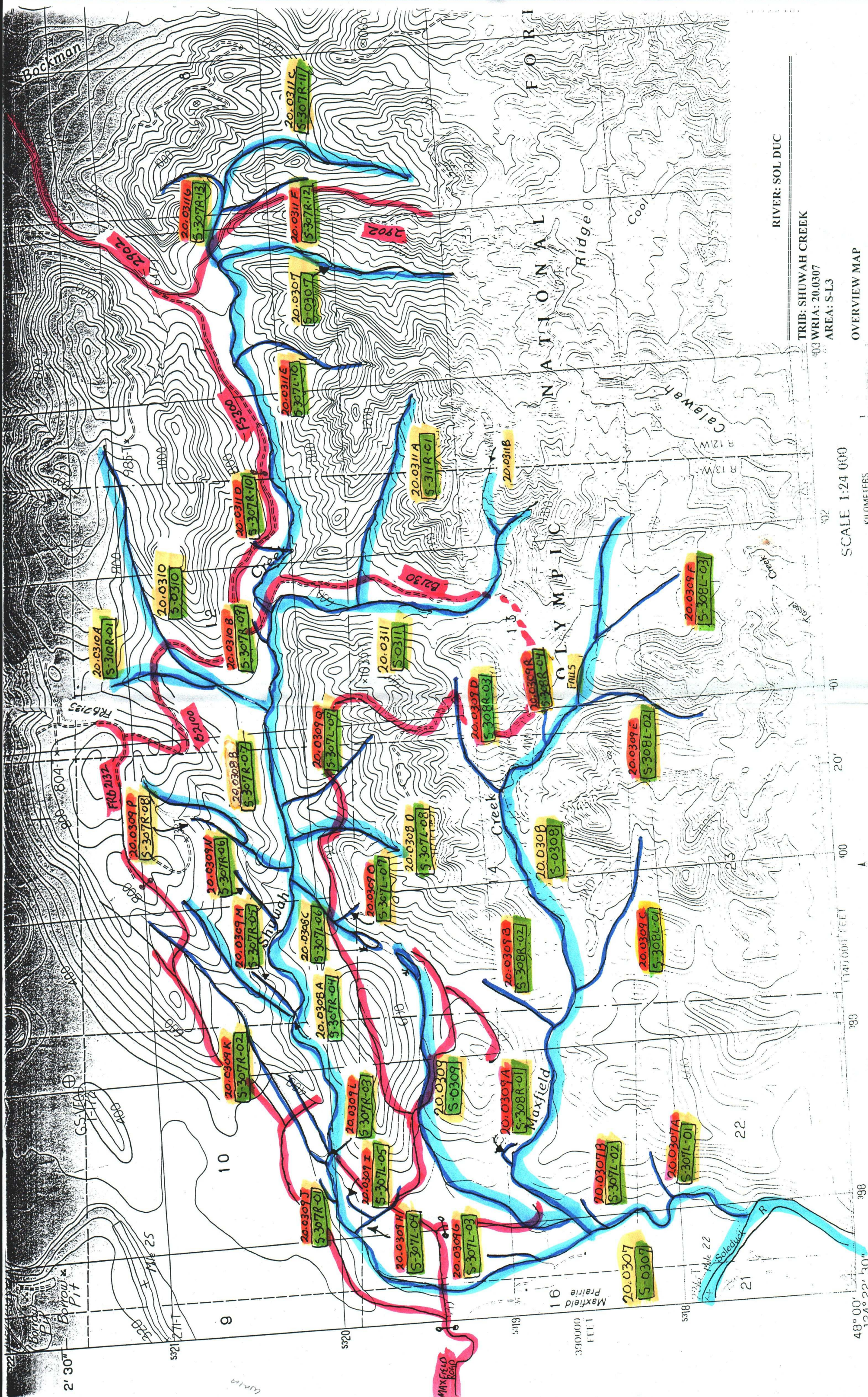
SITE: S-0307, S-307R-09, S-0311, S-311R-01

WRIA: 20.0307, 20.0310B, 20.0311, 20.0311A

NAMES: Shuwah Cr, Unnamed, Unnamed, East Cr

DATE: 3/98





RIVER: SOL DUC

TRIB: SHUWAH CREEK

WRIA: 20.0307

AREA: S-L3

OVERVIEW MAP

1998

SCALE 1:24 000

KILOMETERS  
METERS

48° 00' 124° 22' 30"

UNITED STATES GEOLOGICAL SURVEY



# RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

